Product data sheet
21 03 381 2418
M12 PCB receptacle female d-coded 4pol.

HARTING®

Pushing Performance
Since 1945

M12 PCB receptacle female d-coded 4pol.

Image is for illustration purposes only. Please refer to product description.

Part number	21 03 381 2418
Specification	M12 PCB receptacle female d-coded 4pol.
HARTING eCatalogue	https://b2b.harting.com/21033812418

Identification

Category	Connectors
Series	Circular connectors M12
Element	PCB adapter
Specification	Straight

Version

Termination method	Reflow soldering termination (THR)
Gender	Female
Shielding	Shielded
Number of contacts	4
Coding	D-coding
Details	Order housings separately
Pack contents	60 pieces in a tray

Technical characteristics

Rated current	4 A
Rated voltage	50 V
Rated impulse voltage	2.5 kV
Pollution degree	3
Transmission characteristics	Cat. 5 Class D up to 100 MHz
Overvoltage category	III
Data rate	10 Mbit/s 100 Mbit/s

Page 1 / 3 | Creation date 2024-03-13 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application.
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Technical characteristics

Insulation resistance	$>10^8$ Ω
Contact resistance	≤10 mΩ
Limiting temperature	-40 ... +85 °C
Mating cycles	≥100
Isolation group	I (600 ≤ CTI)

Material properties

Material (insert)	Liquid crystal polymer (LCP)
Material (contacts)	Copper alloy
Surface (contacts)	Au over Ni Mating side
Material flammability class acc. to UL 94	V-0
RoHS	compliant with exemption
RoHS exemptions	6(c): Copper alloy containing up to 4 % lead by weight
ELV status	compliant with exemption
China RoHS	50
REACH Annex XVII substances	Not contained
REACH ANNEX XIV substances	Not contained
REACH SVHC substances	Yes
REACH SVHC substances	Lead
ECHA SCIP number	0d7d3693-d625-47ab-934a-d241bf72c86e
California Proposition 65 substances	Yes
California Proposition 65 substances	Lead Nickel
Fire protection on railway vehicles	EN 45545-2 (2020-08)
Requirement set with Hazard Levels	R26

Specifications and approvals

Specifications	IEC 61076-2-101
UL / CSA	UL 1977 ECBT2.E102079 CSA-C22.2 No. 182.3 ECBT8.E102079
PROFINET	Yes

Commercial data

Packaging size	60

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Commercial data

Net weight	7 g
Country of origin	Romania
European customs tariff number	85366990
GTIN	5713140138155
ETIM	EC002637
eCl@ss	27460201 PCB connector (board connector)

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